

**Environmental Protection Agency**

**§ 180.123**

[66 FR 1245, Jan. 5, 2001, as amended at 66 FR 38955, July 26, 2001]

EFFECTIVE DATE NOTE: At 67 FR 38603, June 5, 2002, §180.121 was amended by revising the section heading and paragraph (a), effective Sept. 3, 2002. For the convenience of the user, the revised text is set forth as follows:

**§ 180.121 Methyl parathion; tolerances for residues.**

(a) *General.* Tolerances are established for residues of the insecticide parathion *O*, *O*-Di-methyl-*O*-p-nitrophenyl thiophosphate (the methyl homolog of parathion) in or on the following raw agricultural commodities:

Commodity	Parts per million
Alfalfa, fresh .....	1.25
Alfalfa, hay .....	5.0
Almond .....	0.1
Almond, hull .....	3.0
Barley .....	1.0
Bean, dried .....	1.0
Beet, sugar .....	0.1
Beet, sugar, tops .....	0.1
Cabbage .....	1.0
Corn .....	1.0
Corn, forage .....	1.0
Cotton, seed .....	0.75
Grass, forage .....	1.0
Hop .....	1.0
Oat .....	1.0
Onion .....	1.0
Peanut .....	1.0
Pea, dried .....	1.0
Pea, forage .....	1.0
Pecan .....	0.1
Potato .....	0.1
Rape, seed .....	0.2
Rice .....	1.0
Soybean .....	0.1
Soybean, hay .....	1.0
Sunflower, seed .....	0.2
Sweet potato .....	0.1
Walnut .....	0.1
Wheat .....	1.0

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**§ 180.122 Parathion; tolerances for residues.**

(a) *General.* Tolerances are established for residues of the insecticide parathion (*O*, *O*-Diethyl-*O*-p-nitrophenyl thiophosphate) in or on the following raw agricultural commodities:

Commodity	Parts per million	Expiration/Revocation Date
Alfalfa, fresh .....	1.25	12/31/05
Alfalfa, hay .....	5.0	12/31/05
Barley .....	1.0	12/31/05
Corn .....	1.0	12/31/05
Corn, forage .....	1.0	12/31/05

Commodity	Parts per million	Expiration/Revocation Date
Cotton, seed .....	0.75	12/31/05
Rape, seed .....	0.2	12/31/05
Sorghum .....	0.1	12/31/05
Sorghum, fodder .....	3.0	12/31/05
Sorghum, forage .....	3.0	12/31/05
Soybean .....	0.1	12/31/05
Soybean, hay .....	1.0	12/31/05
Sunflower, seed .....	0.2	12/31/05
Wheat .....	1.0	12/31/05

(b) *Section 18 emergency exemptions.* [Reserved]

(c) *Tolerances with regional registrations.* [Reserved]

(d) *Indirect or inadvertent residues.* [Reserved]

[67 FR 38603, June 5, 2002]

EFFECTIVE DATE NOTE: At 67 FR 38603, June 5, 2002, §180.122 was added, effective Sept. 3, 2002.

**§ 180.123 Inorganic bromide residues resulting from fumigation with methyl bromide; tolerances for residues.**

(a) *General.* (1) Tolerances are established for residues of inorganic bromides (calculated as Br) in or on the following food commodities which have been fumigated with the antimicrobial agent and insecticide methyl bromide after harvest (with the exception of strawberry):

Commodity	Parts per million
Alfalfa, hay, postharvest .....	50.0
Almond, postharvest .....	200.0
Apple, postharvest .....	5.0
Apricot, postharvest .....	20.0
Artichoke, jerusalem, postharvest .....	30.0
Asparagus, postharvest .....	100.0
Avocado, postharvest .....	75.0
Barley, postharvest .....	50.0
Bean, postharvest .....	50.0
Bean, green, postharvest .....	50.0
Bean, lima, postharvest .....	50.0
Bean, snap, postharvest .....	50.0
Beet, garden, roots, postharvest .....	30.0
Beet, sugar, roots, postharvest .....	30.0
Blueberry, postharvest .....	20.0
Bush nut, postharvest .....	200.0
Butternut, postharvest .....	200.0
Cabbage, postharvest .....	50.0
Cantaloupe, postharvest .....	20.0
Carrots, postharvest .....	30.0
Cashews, postharvest .....	200.0
Cherry, postharvest .....	20.0
Chestnut, postharvest .....	200.0
Cippolini, bulbs, postharvest .....	50.0
Citron, citrus, postharvest .....	30.0
Cocoa bean, postharvest .....	50.0
Coffee bean, postharvest .....	75.0
Copra, postharvest .....	100.0

Commodity	Parts per million
Corn, postharvest .....	50.0
Corn (pop), postharvest .....	240.0
Corn, sweet, kernel plus cob with husks removed, postharvest .....	50.0
Cottonseed, postharvest .....	200.0
Cucumber, postharvest .....	30.0
Cumin, seed, postharvest .....	100.0
Eggplant, postharvest .....	20.0
Filbert (Hazelnuts), postharvest .....	200.0
Garlic, postharvest .....	50.0
Ginger, roots, postharvest .....	100.0
Grapefruit, postharvest .....	30.0
Grape, postharvest .....	20.0
Horseradish, postharvest .....	30.0
Kumquat, postharvest .....	30.0
Lemon, postharvest .....	30.0
Lime, postharvest .....	30.0
Mango, postharvest .....	20.0
Melon, honeydew, postharvest .....	20.0
Muskmelon, postharvest .....	20.0
Nectarine, postharvest .....	20.0
Nut, brazil, postharvest .....	200.0
Nut, hickory, postharvest .....	200.0
Oat, postharvest .....	50.0
Okra, postharvest .....	30.0
Onion, postharvest .....	20.0
Oranges, postharvest .....	30.0
Papaya, postharvest .....	20.0
Parsnip, root, postharvest .....	30.0
Peach, postharvest .....	20.0
Peanut, postharvest .....	200.0
Pear, postharvest .....	5.0
Pea, postharvest .....	50.0
Pea, blackeyed, postharvest .....	50.0
Pecans, postharvest .....	200.0
Pepper, postharvest .....	30.0
Pimento, postharvest .....	30.0
Pineapple, postharvest .....	20.0
Pistachio nut, postharvest .....	200.0
Plum, postharvest .....	20.0
Pomegranate, postharvest .....	100.0
Potato, postharvest .....	75.0
Pumpkin, postharvest .....	20.0
Quince, postharvest .....	5.0
Radish, postharvest .....	30.0
Rice, postharvest .....	50.0
Rutabagas, postharvest .....	30.0
Rye, postharvest .....	50.0
Salsify, roots, postharvest .....	30.0
Sorghum, grain, postharvest .....	50.0
Soybean, postharvest .....	200.0
Squash, summer, postharvest .....	30.0
Squash, winter, postharvest .....	20.0
Squash, zucchini, postharvest .....	20.0
Strawberry (PRE- and POST-H) .....	60.0
Sweet potato, postharvest .....	75.0
Tangerine, postharvest .....	30.0
Timothy, hay, postharvest .....	50.0
Tomato, postharvest .....	20.0
Turnip, roots, postharvest .....	30.0
Walnut, postharvest .....	200.0
Watermelon, postharvest .....	20.0
Wheat .....	50.0

(2) Inorganic bromide may be present as a residue in certain processed foods in accordance with the following conditions:

(i) When inorganic bromide residues are present as a result of fumigation of the processed food with methyl bro-

mide or from such fumigation in addition to the authorized use of methyl bromide on the source raw agricultural commodity, as provided for in this part, the total residues of inorganic bromides (calculated as Br) shall not exceed the following levels:

(A) 400 parts per million in or on dried egg and processed herbs and spices.

(B) 325 parts per million in or on parmesan cheese and roquefort cheese.

(C) 250 parts per million in or on concentrated tomato products and dried fig.

(D) 125 parts per million in or on processed foods other than those listed above.

(ii) When inorganic bromide residues are present in fermented malt beverages in accordance with 21 CFR 172.730(a)(2), the amount shall not exceed 25 parts per million (calculated as Br).

(iii) Where tolerances are established on both the raw agricultural commodities and processed foods made therefrom, the total residues of inorganic bromides in or on the processed food shall not be greater than those designated in paragraph (a)(2) of this section, unless a higher level is established elsewhere in this part.

(3) Tolerances are established for residues of inorganic bromides (calculated as Br) as follows:

(i) 400 parts per million for residues in or on dog food, resulting from fumigation with methyl bromide.

(ii) 125 parts per million for residues in or on milled fractions for animal feed from barley, corn, grain sorghum (milo), oats, rice, rye, and wheat, resulting directly from fumigation with methyl bromide or from carryover and concentration of residues of inorganic bromides from fumigation of the grains with methyl bromide.

(b) *Section 18 emergency exemptions.*  
[Reserved]

(c) *Tolerances with regional registrations.* A tolerance with regional registration, as defined in §180.1(n), is established for residues of inorganic bromides (calculated as Br) in or on the following food commodity grown in soil fumigated with methyl bromide.

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Commodity	Parts per million
Ginger, roots (PRE- and POST-H) .....	100

(d) *Indirect or inadvertent residues.*  
[Reserved]

[65 FR 33705, May 24, 2000]

**§ 180.123a Inorganic bromide residues in peanut hay and peanut hulls; statement of policy.**

(a) Investigations by the Food and Drug Administration show that peanut hay and peanut shells have been used as feed for meat and dairy animals. While many growers now harvest peanuts with combines and leave the hay on the ground to be incorporated into the soil, some growers follow the practice of curing peanuts on the vines in a stack and save the hay for animal feed. Peanut shells or hulls have been used to a minor extent as roughage for cattle feed. It has been established that the feeding to cattle of peanut hay and peanut hulls containing residues of inorganic bromides will contribute considerable residues of inorganic bromides to the meat and milk.

(b) There are no tolerances for inorganic bromides in meat and milk to cover residues from use of such peanut hulls as animal feed. Peanut hulls containing residues of inorganic bromides from the use of methyl bromide are unsuitable as an ingredient in the feed of meat and dairy animals and should not be represented, sold, or used for that purpose.

[58 FR 65555, Dec. 15, 1993]

**§ 180.127 Piperonyl butoxide; tolerances for residues.**

(a) *General.* (1) Tolerances for residues of the insecticide piperonyl butoxide [(butyl carbityl)(6-propyl piperonyl)ether] are established in or on the following food commodities:

Commodity	Parts per million
Almond, postharvest .....	8
Apple, postharvest .....	8
Barley, postharvest .....	20
Bean, postharvest .....	8
Birdseed, mixtures, postharvest .....	20
Blackberry, postharvest .....	8
Blueberry (huckleberry), postharvest .....	8
Boysenberry, postharvest .....	8

Commodity	Parts per million
Buckwheat, postharvest .....	20
Cattle, fat .....	0.1(N)
Cattle, meat byproducts .....	0.1(N)
Cattle, meat .....	0.1(N)
Cherry, postharvest .....	8
Cocoa bean, postharvest .....	8
Copra, postharvest .....	8
Corn (including popcorn), postharvest .....	20
Cottonseed, postharvest .....	8
Crabapple, postharvest .....	8
Currant, postharvest .....	8
Dewberry, postharvest .....	8
Egg .....	1
Fig, postharvest .....	8
Flaxseed, postharvest .....	8
Goat, fat .....	0.1(N)
Goat, meat byproducts .....	0.1(N)
Goat, meat .....	0.1(N)
Gooseberry, postharvest .....	8
Grape, postharvest .....	8
Guava, postharvest .....	8
Hog, fat .....	0.1(N)
Hog, meat byproducts .....	0.1(N)
Hog, meat .....	0.1(N)
Horse, fat .....	0.1(N)
Horse, meat byproducts .....	0.1(N)
Horse, meat .....	0.1(N)
Loganberry, postharvest .....	8
Mango, postharvest .....	8
Milk fat (reflecting negligible residues in milk) ....	0.25
Muskmelon, postharvest .....	8
Oat, postharvest .....	8
Oranges, postharvest .....	8
Peach, postharvest .....	8
Peanut (with shell removed), postharvest .....	8
Pear, postharvest .....	8
Pea, postharvest .....	8
Pineapple, postharvest .....	8
Plum, prune, fresh, postharvest .....	8
Potato, postharvest .....	0.25
Poultry, fat .....	3
Poultry, meat byproducts .....	3
Poultry, meat .....	3
Raspberry, postharvest .....	8
Rice, postharvest .....	20
Rye, postharvest .....	20
Sheep, fat .....	0.1(N)
Sheep, meat byproducts .....	0.1(N)
Sheep, meat .....	0.1(N)
Sorghum, grain, postharvest .....	8
Sweet potato, postharvest .....	0.25
Tomato, postharvest .....	8
Walnut, postharvest .....	8
Wheat, postharvest .....	20

(2) Piperonyl butoxide may be safely used in accordance with the following prescribed conditions:

(i) It is used or intended for use in combination with pyrethrins for control of insects:

(A) In cereal grain mills and in storage areas for milled cereal grain products, whereby the amount of piperonyl butoxide is at least equal to but not more than 10 times the amount of pyrethrins in the formulation.